

Vermont Mental Health Performance Indicator Project
Agency of Human Services, Department of Health, Department of Mental Health
108 Cherry Street, Burlington, Vermont 05401

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani and Brennan Martin

DATE: August 17, 2007

RE: 2005 Inpatient Behavioral Health Utilization

The Vermont Mental Health Performance Indicator Project has begun data analysis in preparation for the 2005 edition of our annual report on "Inpatient Behavioral Health Care Services Provided to Vermont Residents." This report will include a detailed description of service utilization patterns for the fifteen-year period, 1990-2005. This week's PIP provides three basic measures of inpatient mental health and substance abuse service utilization by Vermont residents in Vermont and New Hampshire during that time period. These measures include the number of episodes of care, the number of patient days, and the unduplicated number of individuals served.

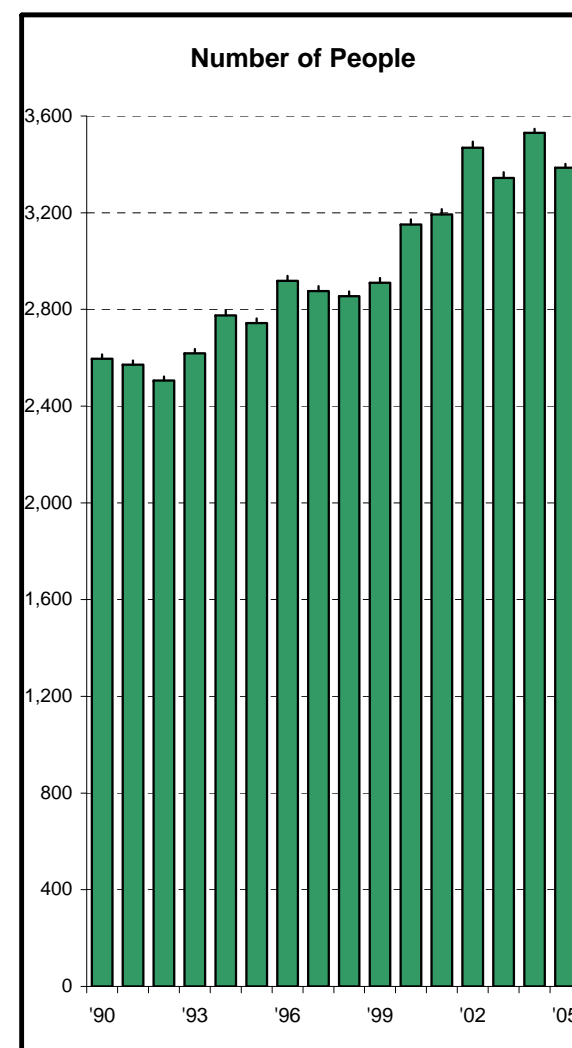
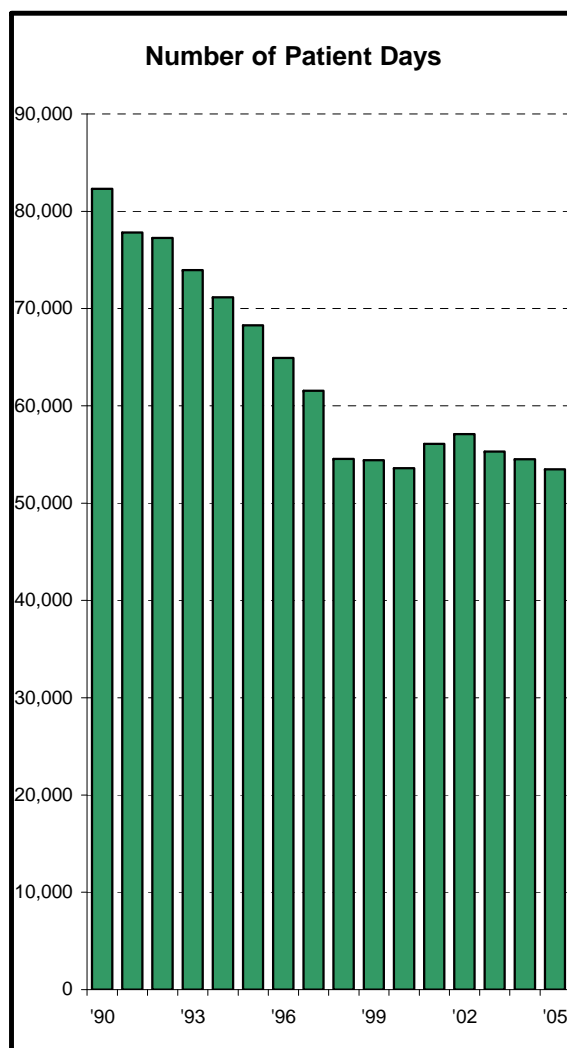
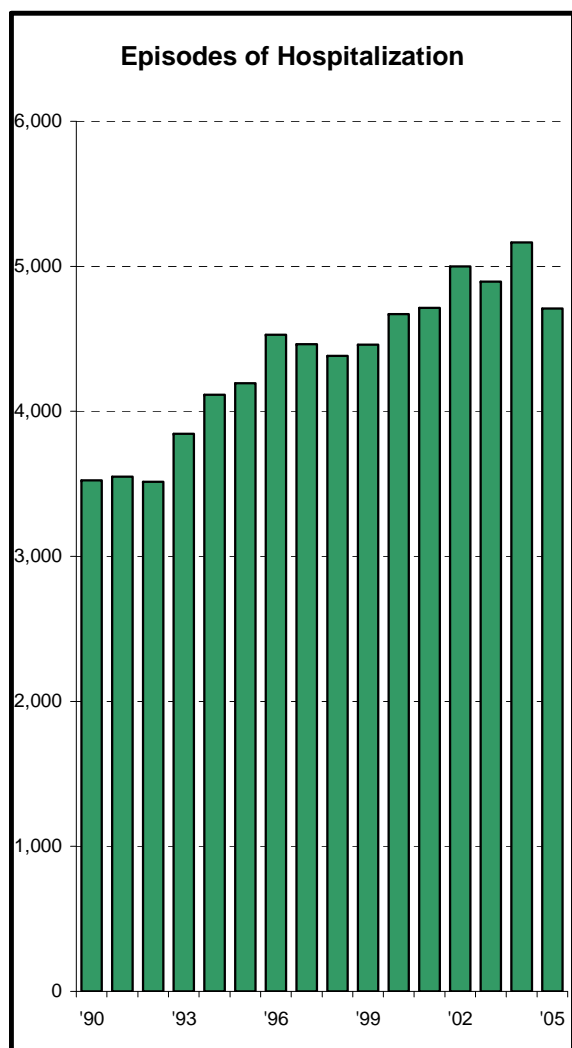
This report is based on analysis of existing databases provided by the Vermont Department of Health, the Vermont State Hospital, and the Brattleboro Retreat (Vermont's only private psychiatric hospital). The data provided by the Department of Health were extracted from Vermont's Uniform Hospital Discharge Data Set (a data set available in most states) that includes detailed (but de-identified) information regarding all episodes of hospitalization for Vermont residents that occur in general hospitals and veterans' hospitals in Vermont and New Hampshire. Numbers of episodes of care and patient days are based on direct counts. Unduplicated counts of individuals served are estimates provided by Probabilistic Population Estimation because the data sets used in this analysis do not include unique person identifiers.

As you will see, all three indicators of inpatient behavioral health utilization decreased in 2005 compared the previous year. The number of episodes of care was the lowest since 2000, the number of patient days was the lowest since 1999, and the number of people was the lowest since 2003. (It is important to keep in mind that these utilization numbers have not been adjusted for increases in the population of Vermont over the fifteen years covered by this report.)

We look forward to your interpretations of these findings and your suggestions for future analysis of this very rich data set to pip@vdh.state.vt.us or call 802-863-7249.

INPATIENT BEHAVIORAL HEALTH CARE SERVICES

Provided To Vermont Residents During 1990 - 2005



Prepared by the Vermont Mental Health Performance Indicator Project

Inpatient Behavior Health Care Services

Provided to Vermont Residents During 1990-2005

Vermont & New Hampshire Hospitals Only

Year	Episodes of Hospitalization	Patient Days	Number of People		
2005	4,710	53,494	3,386	±	16
2004	5,164	54,519	3,530	±	16
2003	4,894	55,311	3,344	±	23
2002	5,000	57,090	3,469	±	24
2001	4,714	56,101	3,193	±	22
2000	4,671	53,596	3,151	±	22
1999	4,459	54,418	2,910	±	20
1998	4,382	54,548	2,855	±	20
1997	4,464	61,548	2,876	±	20
1996	4,528	64,919	2,919	±	20
1995	4,194	68,272	2,744	±	19
1994	4,114	71,155	2,776	±	20
1993	3,846	73,955	2,618	±	18
1992	3,515	77,269	2,506	±	17
1991	3,550	77,816	2,571	±	18
1990	3,523	82,315	2,596	±	18

Information is derived from the Vermont Uniform Hospital Discharge Data Set maintained by the Vermont Health Department, and database extracts provided by the Brattleboro Retreat and Vermont State Hospital.

The State of Vermont does not have unique client identifiers. For this reason Probabilistic Population Estimation has been used to provide unduplicated counts of people served (with 95% confidence intervals).